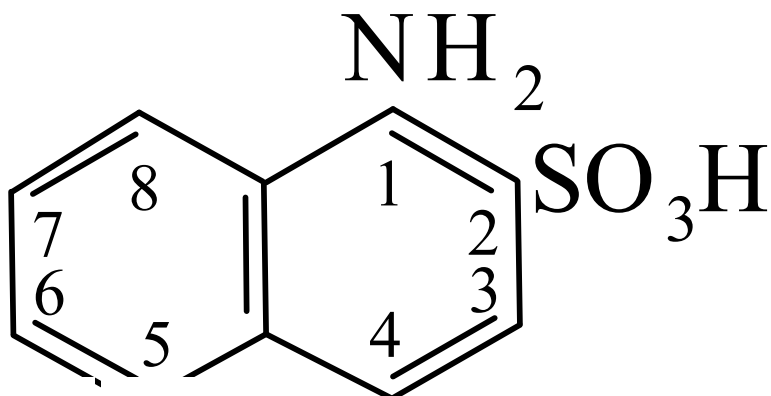




>>Entry Name: 1-Amino-2-naphthalenesulfonic acid, 9CI

Synonym(s): 1-Naphthylamine-2-sulfonic acid



CAS Registry Number: 81-06-1

Molecular Formula: $C_{10}H_9NO_3S$

Molecular Weight: 223.252

Accurate Mass: 223.030314

Percentage Composition: C 53.80%; H 4.06%; N 6.27%; O 21.50%; S 14.36%

Use/Importance: Dyestuff intermediate

Physical Description: Needles (H_2O)

Melting Point: Mp 272 dec.°

Solubility: Spar. sol. H_2O

pKa Value: pK_a 1.71 (25°)

Rare Chemicals Library: S44258-5

>>Derivative: K salt

Physical Description: Needles (H_2O)

Solubility: Spar. sol. H_2O

References:

Erdmann, H., *Annalen*, 1893, **275**, 225, (*synth*)

Caullet, C. *et al.*, *CA*, 1967, **67**, 58864, (*ir*)

Ger. Pat., 1979, 2 831 995; *CA*, **90**, 186663

Franc, J. *et al.*, *J. Chromatogr.*, 1979, **170**, 89, (*chromatog*)